

Heal the Bay Comments on the Draft 2006 303(d) List



October 25, 2006

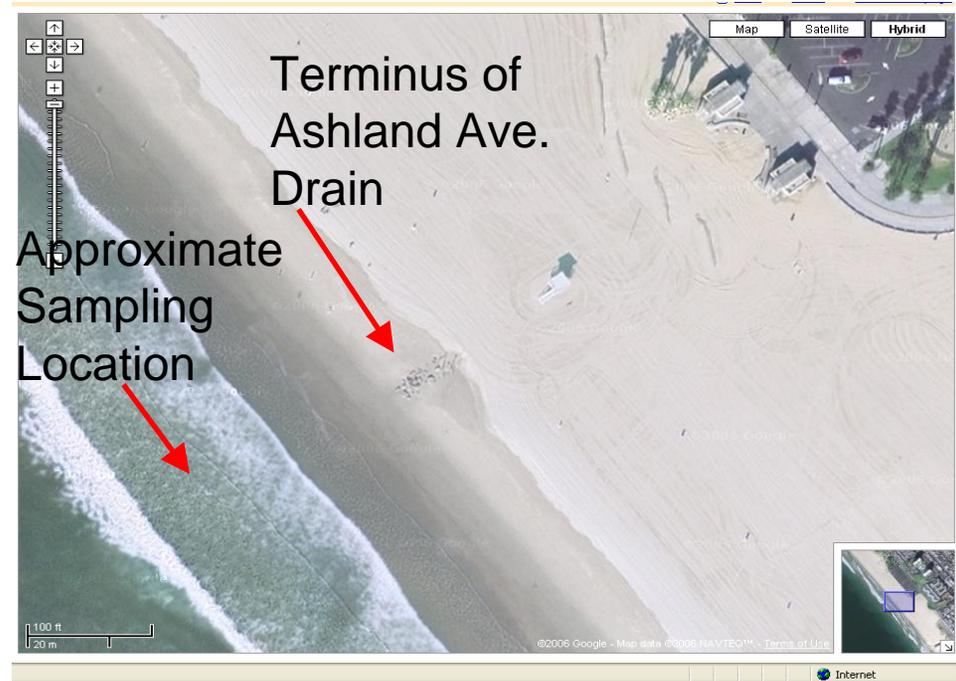
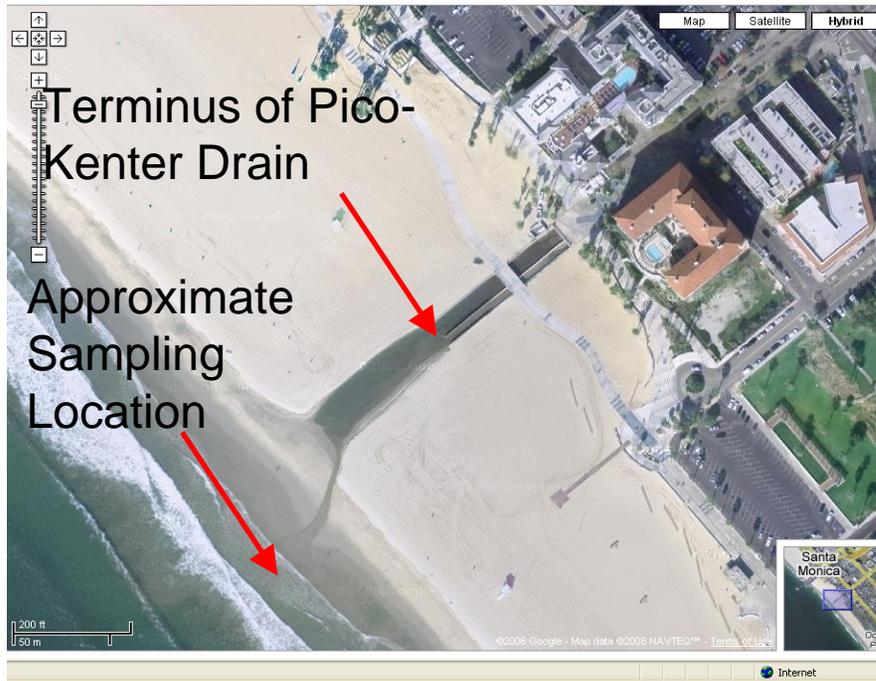
Beaches

- Santa Monica Bay
 - Pico-Kenter Drain
 - Ashland Ave Drain



- Statewide
 - 45 beaches not proposed for listing
 - 3 beaches proposed for de-listing (Ormond Beach, San Buenaventura Beach, and Mission Bay Shoreline)

Beaches: Pico-Kenter Drain & Ashland Avenue Drain



Excess Algal Growth

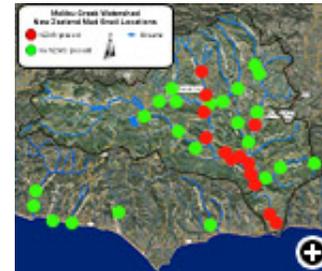


Calleguas Creek – Reach 10 (Arroyo Conejo Canyon).
Photograph taken in summer 2004 by Steve Lee of UCLA.

Exotic Species

Malibu Mountains and Simi Hills

- New Zealand Mudsnail
- Carp, Largemouth bass, Green sunfish, Bluegill, Mosquitofish, Black bullhead, Red swamp crayfish, and Bullfrogs.



WARNING

New Zealand Mudsnails Threaten Native Wildlife YOU CAN STOP THEIR SPREAD!

New Zealand Mudsnails are **INVASIVE** aquatic snails. They take over habitat that supports native wildlife, including endangered species.

Mudsnails can take over an entire creek. A single snail can result in a colony of more than 40 million snails in just one year.



New Zealand Mudsnails can be as small as a grain of sand or up to 1/8 inch. They are typically brown or black.

Prevent the spread of New Zealand Mudsnails! THE EASIEST WAY TO PREVENT MUDSNAILS FROM SPREADING IS TO AVOID WATER CONTACT WHEN POSSIBLE.

However, if your activities include water contact, please follow these simple steps to reduce the chances of spreading this invader to another stream:

(1) Don't be a CARRIER!

Avoid transferring anything wet (sandals, boots, waders, bikes and other sports gear, pets and horses) from stream to stream.

(2) Keep it DRY!

After every trip to a stream or lake, remove all mud and debris, visually inspect, and completely dry your belongings. If you can, put your wet items in the dryer on high heat for a minimum of 2 hours. Air drying your belongings at temperatures of at least 85°F for 24 - 48 hours will also kill mudsnails.

**Help protect our creeks and streams –
It only takes ONE snail to infest a waterbody!**



Visit WWW.MUDSNAILS.COM for more information

Biological Communities Impairment: Index of Biotic Integrity (“IBI”)

Site	Spring 2000	Fall 2000	Spring 2001	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003
Mid-Malibu Creek -12		23	20	37	33	27	21	31
Mid-Las Virgenes Creek - 13			21	40	26	24	21	27
Malibu Creek Outlet -1	16	24	26	39	19		26	23
Outlet of Las Virgenes Creek - 5	29	34	33	33	39	26	20	29
Outlet of Madea Creek - 7	23	26	19	34	23	17	9	9
Mid-Malibu Creek - 15	33	17	24	43	40	24	34	23
Triunfo Creek - 17	20		19		19		4	

Malibu Creek Watershed IBI Scores. Source: Heal the Bay, Watershed Assessment of Malibu Creek: Final Report(2005).

List or Do Not De-list:

Beaches: Statewide

- Exceed geometric mean standards: Campbell Cove State Park, Aquatic Park, Crissy Field, Baker Beach, Jackrabbit Beach, Windsurfer Circle, Sunnydale Cove, Capitola, Rio Del Mar, Leadbetter, Monarch, **Ormond, San Buenaventura, Mission Bay (15 sites)**
- Exceed single-sample standards (AB-411): Trinidad State Beach, Luffenholtz Beach, Moonstone County Park (Little River State Beach), Clam Beach County Park, Russian Gulch Campground, Goat Rock State Park Beach, Salmon Creek State Park Beach, Campbell Cove State Park Beach, Doran Regional Park Beach, Lawson's Landing, Heart's Desire, Chicken Ranch Beach, Golden Hinde, Millerton Point, Bolinas Beach, Muir Beach-North, Baker Beach, Schoonmaker Beach, Paradise Cove, China Camp, McNears Beach, Monterey Municipal Beach, San Carlos Beach, Asilomar State Beach, Spanish Bay, Stillwater Cove, Pico Ave.-San Simeon, Encinitas-Swami's Beach, La Jolla, Pacific Beach, **Mission Bay (21 sites)**
- Exceed single-sample standards (year-round): Aquatic Park Beach, Crissy Field Beach, Baker Beach, Fort Fuston, Candlestick Point-Jackrabbit Beach, Candlestick Point-Windsurfer Circle, Candlestick Point-Sunnydale Cove, Capitola Beach, Rio Del Mar Beach, Stillwater Cove, Pismo Beach, Haskell's Beach, Leadbetter Beach, Monarch Beach, **San Buenaventura**

Excess Algal Growth

REGION 4: DO NOT DE-LIST			
Water Segment	Pollutant	Line(s) of Evidence	Listing Policy Section(s)
Arroyo Seco - Reach 1	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2; 4.11
Arroyo Seco - Reach 2	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2; 4.11
Burbank Western Channel	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2; 4.11
Calleguas Creek - all listed reaches	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2, 4.11
Calleguas Creek - Reach 4	Excess Algal Growth	IBI Data	4.11
Calleguas Creek - Reach 5	Excess Algal Growth	IBI Data	4.11
Calleguas Creek - Reach 9B	Excess Algal Growth	Readily Available Data	4.7; 4.11; 6.1.1
Calleguas Creek - Reach 10	Excess Algal Growth	Photographic Evidence	4.11
Calleguas Creek - Reach 13	Excess Algal Growth	Readily Available Data	4.7; 4.11; 6.1.1
Coyote Creek	Excess Algal Growth	1) Upcoming EPA Study; 2) Ammonia & Nitrate-Nitrogen listing may not address problem	2.2; 4.11
San Gabriel River - Reach 1	Algae	1)Upcoming EPA Study; 2)excess algae is a pollutant/condition eligible for listing	2.2; 4.11
San Jose Creek - Reach 1	Algae	1)Upcoming EPA Study; 2)excess algae is a pollutant/condition eligible for listing	2.2; 4.11
San Jose Creek - Reach 2	Algae	1)Upcoming EPA Study ; 2)excess algae is a pollutant/condition eligible for listing	2.2; 4.11
Verdugo Wash - Reach 1	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2; 4.11
Verdugo Wash - Reach 2	Excess Algal Growth	1)Existing TMDL is not a valid justification; 2)Excess algal growth is eligible for listing	2.2, 4.11
REGION 4: LIST			
Calleguas Creek - Reach 7	Excess Algal Growth	Photographic Evidence	3.11
Calleguas Creek - Reach 12	Excess Algal Growth	Readily Available Data	3.7; 6.1.1

Exotic Species

- New Zealand Mudsnaill: Medea Creek, Las Virgenes Creek, Malibu Creek, Lindero Canyon Creek, and the Medea Creek outlet into Malibou Lake
- Invasive Fish: Malibu Creek, Cold Creek, Las Virgenes Creek, LV Tributary (Unnamed tributary to Las Virgenes Creek that parallels the 101 fwy in Calabasas), Stokes Creek, Liberty Canyon Creek, Triunfo Creek Reach 1, Triunfo Creek Reach 2, Medea Creek Reach 1, Medea Creek Reach 2, Lindero Creek Reach 1, Lindero Creek Reach 2, Malibou Lake, Lake Sherwood, Lake Enchanto, Century Lake (Century Reservoir), Westlake, Lake Lindero, Malibu Country Club Golf Course Ponds, Trancas Creek, Topanga Creek

Biological Communities Impairment

Piru Creek, Unknown Creek, Revolon Slough, Unnamed Creek, Cattle Creek, Boulder Creek, Arroyo Conejo Creek, NF Arroyo Conejo Creek, Arroyo Simi Creek, Bouquet Canyon Creek, Beardsley Wash, Conejo Creek, Castaic Creek, Calleguas Creek, Santa Clara River, San Gabriel River, San Francisquito Creek, Simi Las Posas Creek, Tapo Canyon Tributary, Coyote Creek, San Jose Creek, Walnut Channel, Arroyo Seco, Compton Creek, Zone 1 Ditch, Los Angeles River, Ballona Creek, Madea Creek, Cold Creek, Dominguez Channel, Ventura River, Matilija Creek, Las Virgenes Creek, Malibu Creek, Triunfo Creek